ELSEVIER

Tectonophysics 234 (1994) 357–358

TECTONOPHYSICS

Contents

Tectonophysics Volume 234

Special Section: Tectonic Processes of the Eastern Mediterranean and Analogous Regions
(edited by Y. Mart and J. Woodside)

Preface: Tectonics of the Eastern Mediterranean
Y. Mart and J. Woodside 1
Ptolemaïs basin: The tectonic origin of a Senonian marine basin underneath the southeastern Mediterranean Sea
Y. Mart 5
Structures and kinematics in the northeastern Mediterranean: A study of an irregular plate boundary
D. Kempler and Z. Garfunkel 19
Spatial transition from compression to extension in the Western Mediterranean Ridge accretionary complex
S. Lallemant, C. Truffert, L. Jolivet, P. Henry, N. Chamot-Rooke and B. de Voogd 33
On Late Miocene to Recent vertical motions in the Cretan segment of the Hellenic arc
J.E. Meulenkamp, G.J. van der Zwaan and W.A. van Wamel 53
The role of subduction–accretion processes in the tectonic evolution of the Mesozoic Tethys in Serbia
A.H.F. Robertson and S. Karamata 73

Regular section

Research papers

Early Palaeozoic foreland thrusting and basin reactivation at the Palaeo-Pacific margin of the southeastern Australian Precambrian Craton: a reappraisal of the structural evolution of the Southern Adelaide Fold–Thrust Belt
T. Flöttmann, P. James, J. Rogers and T. Johnson 95
Active crustal deformation in the Jalisco block, Mexico: evidence for a great historical earthquake in the 16th century
G. Suárez, V. García-Acosta and R. Gaulon 117
A tectonic model for the location of Palaeozoic ring complexes in Aïr (Niger, West Africa)
C. Moreau, D. Demaiffe, Y. Bellion and A.-M. Boullier 129
Field examples and numerical modelling of oversteps and bends along normal faults in cross-section
D.C.P. Peacock and X. Zhang 147
Structures indicative of helicoidal flow in a migmatitic diapir (Bação Complex, southeastern Brazil)
J.F. Hippertt 169
Sheeted and bulbous pluton intrusion mechanisms of a small granitoid from southeastern Australia: implications for dyke-to-pluton transformation during emplacement
T.J. Fowler 197
Palaeomagnetic studies of some Palaeozoic sediments, southwest Sinai, Egypt
A.L. Abdeldayem, A.M. Kafafy and D.H. Tarling 217
Magnetic fabric and post-orogenic uplift and cooling magnetisations in a Precambrian granulite terrain: The Datong–Huai'an region of the North China Shield
Z. Jiasheng and J.D.A. Piper 227
Coda attenuation in the area of El Chichón volcano, Chiapas, Mexico
F.R. Zúñiga and L.E. Díaz 247

Discussion

Reconstitution of east-facing Variscan nappes between the Grand Banks of Newfoundland and Spain
* Comment — J. Alvarez-Marrón and A. Perez-Estaún 259
* Reply — J.P. Lefort, H.G. Miller and R. Wiseman 262

Research Papers

Late Cretaceous to Palaeogene thin-skinned tectonics of the Palmyrides belt (Syria)
J.F. Salel and M. Séguret 265

Hydrological disturbances of the conductive heat flow in stable continental crust
L. Bodri 291

Meso-Tethyan oceanic sutures and their deformation
V.S. Burtman 305

Discussions

The origin of the West Spitsbergen Fold belt from geological constraints and plate kinematics: implications for the Arctic
* Comment — C. Lepvrier 329
* Reply — N. Lyberis and G. Manby 334

Interrelationship of the terranes in western and central Cuba
* Comment — A. Pszczolkowski 339
* Comment — M.A. Iturralde-Vinent 345

Short Note

The *b* value before the 6th August, 1988 India–Myanmar Border Region Earthquake—a case study
O.P. Sahu and M.M. Saikia 349

Referees list 355